

Jobs in Computer Graphics/  
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OUTSTANDING EMPLOYMENT OPPORTUNITIES  
IN THE FIELD OF COMPUTER GRAPHICS

Battelle's Columbus Laboratories has been involved in sophisticated computer graphics research and applications since 1969. Our most recent major product is a structural analysis interactive graphics system named STAGING (Structural Analys<sup>i</sup>s through Generalized Interactive Graphics). This product is in a production mode within the Air Force, Navy and various Battelle laboratories. This package has recently been extended to meet the needs of preliminary aircraft design. We have developed a 3-dimensional interactive graphics software package for a major computer vendor; developed an interactive graphics budget planning system which has been in constant use for seven years by NASA; developed a software research and development planning system for the Army; and have used both batch and interactive graphics as an important support tool on many research projects throughout the U.S.-based Battelle laboratories.

Within Battelle's Columbus Laboratories, graphical research and applications are supported on CDC CYBER 73 and CDC 6500 host computers. Interactive graphics terminals include a large screen refresh terminal, the CDC CYBER GRAPHICS terminal, several Tektronix direct view storage tubes, and a high-resolution digitizer. Batch graphics devices are a CALCOMP plotter and an SD4060 microfilm recorder.

We are looking for people to assist us in our graphics research and applications area. Applicants should have a broad interest in the field of computer science with heavy emphasis on computer graphics. They should have experience in interactive graphics and data base management techniques. Experience with both refresh and direct view storage tubes is important. The two positions are:

• Senior Graphics Analyst

This individual will be responsible for the overall formulation of our graphics research and applications activity. It is a challenging position. Applicants must be able to conceptualize new research programs and application areas, develop and execute marketing plans, and provide project management. It is an outstanding opportunity for a person with an entrepreneurial nature. Candidates must relate well to people, have obvious leadership capabilities, and be strongly user-oriented. Good written and oral communication skills are required. Masters or Ph.D. in computer science, math, or related engineering field is preferred. Ten to fifteen years of computer experience with the most recent five years being heavily dominated by interactive graphics is considered desirable.

• Graphics Programmer/Analyst

This individual will assume a strong technical position within the graphics area. Growth potential includes marketing and project management opportunities. Three to five years of computer experience with strong interest in interactive graphics is required. A B.S. or M.S. in computer science, math, or related engineering field is preferred. We will consider candidates with less experience but exceptional academic backgrounds.

Battelle's Columbus Laboratories is the original research center of Battelle Memorial Institute, a pioneer of sponsored research and now one of the world's largest sponsored-research organizations. Implicit in the Institute's establishment under the will of Gordon Battelle--an Ohio industrialist--was the fundamental concept that modern man exists in an industrialized society and that his material welfare can, and should be improved by science and technology. Therefore, the Institute's major objective is to advance and utilize science, through innovation, for the benefit of mankind.

Battelle's Columbus Laboratories (BCL) is a nonprofit organization located in Columbus, Ohio. The BCL staff includes some 2,500 persons, of whom about half hold academic degrees. Approximately a quarter of the staff hold advance degrees. Research experience averages more than 13 years per person. In 1976, the current net worth of BCL was approximately \$59.5 million. Dollar volume of research and development programs during the past five years has totaled approximately \$316 million.

If you are a highly self-motivated person seeking a growth opportunity in the challenging technical field of computer graphics, please send a resumé to:

Mr. Les Hill  
Battelle  
Columbus Laboratories  
505 King Avenue  
Columbus, Ohio 43201



 **Battelle**  
Columbus Laboratories  
505 King Avenue  
Columbus, Ohio 43201



1041086 00 757 \*  
THEODOR H NELSON JUL 20  
BOX 3  
SCHOOLLEYS MOUNTAIN NJ 07870